GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

EPC works – Rate for excavation in Hard rock using machinery with controlled blasting for the years 2003-04 to 2008-09 – Recommendations of Technical Expert Committee – Approval – Accorded – Orders – Issued.

WATER RESOURCES (REFORMS) DEPARTMENT

G.O.Ms.No.77 Dated:25-07-2016.

Read the following:-

1) G.O.Ms.No.22, I&CAD(Reforms) Deptt., dated:23.02.2015.
2) G.O.Ms.No.63, W.R.(Reforms) Deptt., dated:12.06.2015.
3) From the E.N.C.(Irr.), A.P., Hyd., Lr.No.ENC(I)/DCE(GDS)/ OT1/AEE1/EPC Works, dated:08.01.2016.

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ORDER:

In the reference 1st read above, orders were issued allowing controlled blasting whenever and wherever it is needed or it has been resorted to beyond what is permitted in the contract.

2. In the reference 2nd read above, in Para-III, the procedure for calculating the rate for controlled blasting is prescribed. While doing so, the Government have issued orders prescribing the procedure in respect of the items where there is no rate in SSR for payment of current bills like Excavation in hard rock or quartzite or geological formation not mentioned in the SSR, with normal blasting or with controlled blasting, TBM for tunnelling purpose, observed data and final rate will be approved by the Board of Chief Engineers and the Government and there by regularising the payments.

3. In the reference 3rd read above, the Engineer-in-Chief(Irrigation) has submitted proposals duly placing the matter before the Technical Expert Committee for the procedure to be followed for arriving at the rate for Controlled blasting for each year from 2003-04 to 2008-09 by deducing the rate by considering the rates of 6 years starting from 2009-10 and taking average of these 6 (six) values arrived. The average rates arrived for excavation in hard rock with Controlled blasting in canal excavation and for dam foundations for various years have been furnished to the Government for approval.

4. Government after careful examination of the proposal of Engineer-in-Chief(Irrigation), Water Resources Department, A.P., Hyderabad hereby approve the following rates for controlled blasting for the years from 2003-04 to 2008-09 for payment to be made for the work done with controlled blasting:-

i) Excavation in hard rock of all toughness including boulders above 1.2m dia. by approved controlled blasting methods for canals, cut-off trench of embankment etc., including controlling fly-rock by muffling arrangements such as placing 50x50mm opening chain link mesh or waste tyres and sand bags, monitoring ground vibrations at specified locations, cost of all materials, machinery, labour, placing excavated rock neatly in approved dump area of other place as directed etc., complete with lead up to 1km and all lifts.
(for canals designed for carrying capacity of more than 15 cumecs or where the average depth of excavation in hard rock is more than 3m) (IRR –CAW-1-10(b))

P.T.O.,

For the year 2003-04	: Rs.225.82
For the year 2004-05	: Rs.237.37
For the year 2005-06	: Rs.258.47
For the year 2006-07	: Rs.278.46
For the year 2007-08	: Rs.289.40
For the year 2008-09	: Rs.304.71

ii) Excavation in hard rock of all toughness including boulders above 1.2 m dia. by approved controlled blasting methods for canals, cut off trench of embankment, filter/catch-water drains etc. including controlling fly-rock by muffling arrangements such as placing 50 x 50 mm opening chain link mesh or waste tyres and sand bags, monitoring ground vibrations at specified locations, cost of all materials, machinery, labour, placing excavated rock neatly in approved dump area or other place as directed etc., complete with lead upto 1 km and all lifts.

(for canals designed for carrying capacity of less than 15 cumecs or where the average depth of excavation in hard rock is less than 3m) (IRR –CAW-1-7(b))

For the year 2003-04	: Rs.286.17
For the year 2004-05	: Rs.301.79
For the year 2005-06	: Rs.328.97
For the year 2006-07	: Rs.355.70
For the year 2007-08	: Rs.369.38
For the year 2008-09	: Rs.390.15

iii) Excavation for foundation in hard rock of all toughness including boulders above 1.2m dia. By controlled blasting method and controlled fly-rock by muffling arrangements for dam, spillway, intake structure and other appurtenant structures etc., including placing and levelling the excavated rock neatly in dump area or any other place as directed etc., complete with lead upto 1 km and all lifts (IRR-DAW-1-5(b).

For the year 2003-04	: Rs.321.55
For the year 2004-05	: Rs.337.39
For the year 2005-06	: Rs.364.24
For the year 2006-07	: Rs.391.06
For the year 2007-08	: Rs.408.18
For the year 2008-09	: Rs.432.46

5. The Engineer-in-Chief(Irrigation), Water Resources Department, A.P. shall take necessary action accordingly.

6. This order issues with the concurrence of Finance (FMU-WR.II) Department vide their U.O.No.48022/154/FMU-WR.II/16, dt:29.04.2016.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

SHASHI BHUSHAN KUMAR,
SECRETARY TO GOVERNMENT.

To
All the Engineers-in-Chief, W.R. Department, A.P.
All the Chief Engineers, W.R. Department.
The Commissioner, Commissionerate of Tenders, A.P., Hyderabad.

Copy to:

The Accountant General / Principal Auditor General, A.P., Hyderabad.

Contd.. 3.,

The Director, Works & Accounts, A.P., Hyderabad.
The P.S. to Secretary to Hon'ble C.M.
The P.S. to Minister (WRD).
The P.S. to Minister (Finance).
The P.S. to Chief Secretary to Government.
The P.S. to Spl.Chief Secretary to Government, Finance Department.
The P.S. to Secretary to Government, W.R. Department.
The Finance (FMU-WR.II)) Department.
The Deputy Director (Monitoring), K-Block, Secretariat.
SF/SC.

//FORWARDED :: BY ORDER//

SECTION OFFICER.